



NOTES:

1. THESE GUIDELINES PROVIDE A MINIMUM DEPTH FOR THE HYDROLOGIC PERFORMANCE. THE STRUCTURAL CAPACITY OF PAVEMENT SECTIONS WHEN SUBJECT TO VEHICULAR LOADS DEPENDS ON SEVERAL FACTORS AND MUST BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER.
2. LONGITUDINAL SLOPE, 0 TO 5% MAX FOR POROUS ASPHALT, 10% MAX FOR PERVIOUS CONCRETE.
3. USE CHECK DAM OR OTHER METHODS TO MAXIMIZE PONDING IN THE SUBSURFACE FOR LONGITUDINAL SLOPES EXCEEDING 2%. SEE STANDARD DETAIL 647.
4. LEVELING COURSE MATERIALS: GRAVEL BACKFILL FOR WALLS PER SPEC 9-03.12(2)
5. RESERVOIR COURSE MINIMUM DEPTH OF 6" WITHOUT UNDERDRAIN, 22" MINIMUM WITH UNDERDRAIN. PERMEABLE BALLAST PER SPEC 9-03.9(2)
6. PERVIOUS CONCRETE MUST BE INSTALLED BY A CERTIFIED PERVIOUS CONCRETE INSTALLER. POROUS ASPHALT MUST BE INSTALLED BY AN EXPERIENCED POROUS ASPHALT INSTALLER. (NRMCA OR EQUIVALENT).
7. PERMEABLE PAVEMENTS SHALL NOT BE USED FOR POLLUTION GENERATING SURFACES (SURFACES SUBJECT TO REGULAR VEHICLE TRAFFIC).
8. GEOTEXTILE PER SPEC 9-33.2(1) TABLE 3, SOIL STABILIZATION, NONWOVEN. INSPECTOR MAY WAIVE GEOTEXTILE DEPENDING ON SUBGRADE.

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STANDARD DETAILS

PERMEABLE PAVEMENT
SECTION

FILE NAME: SD643.DWG

DETAIL NUMBER: 643